

<b>FORM PTO-1449</b> <b>(Rev. 2-32)</b>  <b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>  <b>SECOND SUPPLEMENTAL</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>Atty. Docket No.</b>  02-742-F (400/131)	<b>Serial No.</b>  10/665,951
	<b>Applicant:</b> McSwiggen et al.	
	<b>Filing Date:</b>  September 18, 2003	<b>Group:</b>  1635

### U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
	*	US-2002/0086356	03/30/01	Tuschl et al.			07/04/02
	*	US-2002/0151693	02/08/01	Breaker et al.			10/17/02
	*	US-2003/0064945	07/25/01	Akhtar et al.			04/03/03
	*	US 2003/0143732	08/30/02	Fosnaugh et al.			07/31/03
	*	US-2003/0186920	04/10/03	Sirios, Martin			10/02/03
	*	US-2004/0019001	07/26/02	McSwiggen et al.			01/29/04
	*	US-2004/0161844	11/04/03	Baker et al.			08/19/04
	*	US-2004/0209832	09/23/03	McSwiggen et al.			10/21/04
	*	US-2005/0020521	09/25/05	Rana, Tariq M.			01/27/05
	*	US-2005/0171039	05/11/04	McSwiggen et al.			08/04/05
	*	US-2005/0182005	05/13/04	Tuschl et al.			02/18/05
	*	US-2005/0227256	11/26/04	Hutvagner et al.			10/13/05

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	*	5,587,471	12/24/96	Cook et al.			

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	*	5,814,620	09/29/98	Robinson et al.			
	*	5,916,763	06/29/99	Williams et al.			
	*	5,998,148	12/07/99	Bennett et al.			
	*	5,998,206	12/07/99	Cowser			
	*	6,214,805	04/10/01	Torrence et al.			
	*	6,506,559	01/14/03	Fire et al.			
	*	6,573,099	06/03/03	Graham et al.			
	*	6,710,174	03/23/04	Bennett et al.			
	*	6,824,972	11/30/04	Kenwick et al.			
	*	7,022,828	04/04/06	McSwiggen et al.			
	*	7,078,196	07/18/06	Tuschi et al.			

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclasses	Translation	
							Yes	No
	1.	2,359,180	08/03/00	CA (Kreutzer et al.)				
	2.	1389637	08/05/02	EP (Klippel et al.)				
	3.	90/14090	11/29/90	WO (Gillespie et al.)				

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	4.	97/21808	06/19/97	WO (Robinson)				
	5.	00/49035	08/24/00	WO (Sheen)				
	6.	01/96584	12/20/01	WO (Mushegian et al.)				
	7.	01/97850	12/27/01	WO (Siemeister et al.)				
	8.	02/22636	03/21/02	WO (Bennett et al.)				
	9.	03/044188	05/30/03	WO (Tei et al.)				
	10.	04/029212	04/08/04	WO (Rana, Tariq M.)				
	11.	04/043977	05/27/04	WO (Prakush et al.)				
	12.	04/072261	08/26/04	WO (Li et al.)				
	13.	04/090105	10/21/04	WO (Leake et al.)				

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	14.	Alexeev et al., "Localized in vivo genotypic and phenotypic correction of the albino mutation in skin by RNA-DNA oligonucleotide," <i>Nature Biotechnology</i> , 18:43-47 (2000)
	15.	Bellon et al., "4-Thio-oligo- $\beta$ -D-ribonucleotides: synthesis of $\beta$ -4'-thio-oligouridylates, nuclease resistance, base pairing properties, and interaction with HIV-1 reverse transcriptase," <i>Nucleic Acids Research</i> , 21(7):1587-1593 (1993)
	16.	Bitko et al., "Phenotypic silencing of cytoplasmic genes using sequence-specific double-stranded short interfering RNA and its application in the reverse genetics of wild type negative-strand RNA viruses," <i>BMC Microbiology</i> , 1:34 (2001)
	17.	Braasch et al., "Novel Antisense and Peptide Nucleic Acid Strategies for Controlling Gene Expression," <i>Biochemistry</i> , 31:14, 4503-4510 (2002)
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19.	Caplen, Natasha J., "RNAi as a gene therapy approach," <i>Expert Opin. Biol. Ther.</i> , 3(4):575-586 (2003)
20.	Claverie, Jean-Michel, "Fewer Genes, More Noncoding RNA," <i>Science</i> , 309, 1529-1530 (2005)
21.	Elbashir et al., "Analysis of gene function in somatic mammalian cells using small interfering RNAs," <i>Methods</i> , 26:199-213 (2002)
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27.	Hornung et al., "Sequence-specific potent induction of IFN- $\alpha$ by short interfering RNA in plasmacytoid dendritic cells through TLR7," <i>Nature Medicine</i> , 11, 263-270 (2005)
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30.	Leirdal et al., "Gene silencing in mammalian cells by preformed small RNA duplexes," <i>Biochemical and Biophysical Research Communications</i> , 295, 744-748 (2002)
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